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# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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June 27, 1991

TO: File

FROM: Tony Gallegos, Reclamation Engineer *aa*

RE: Site Inspection, JTM Industries, Inc., Delle Limestone Project & Marblehead Processing Plant Facility, E/045/067 & M/045/024, Tooele County, Utah

Inspection Date: June 26, 1991

Inspection Time: 8:00 a.m. - 4:00 p.m.

Conditions: Mostly cloudy, cool

Participants: Jerry Blossom, Union Pacific Resources-Minerals; Steve Brooks, Debbie Jackson BLM; Bill Lane, American Mine Services, Inc.; Jack Minchey, JTM Industries, Inc.; Tony Gallegos, Wayne Hedberg, DOGM

This inspection began with a brief discussion of the project proposal at the Marblehead Facilities. A main point of discussion was the location of a proposed haul road from the exploration site to the Marblehead site. Several road location options were identified on the map and discussed before going out on the site. Factors influencing the road location are the economics of length and grade, the impact on antelope and their calving area(s), the impact on antelope access to watering sites and the visual impact. Another issue was the use of high TDS water for dust suppression on the temporary haul road. The BLM and DOGM agreed that the available water with the lowest TDS (~3,500 TDS) would be acceptable for this temporary use.

The main road location options were evaluated in the field visually and by actually driving portions of the existing roads. If possible, the operator wishes to keep all grades under 6% and would like to utilize portions of the existing haul road from the Marblehead quarry to the processing plant. Any steps which would minimize the haul distance are also desirable. Minimizing the affect of the road on Antelope habitat is the main wildlife concern for this road location.

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The bulk sample exploration site was visited next. The rock outcrop had been flagged to indicate the location and size of the planned excavation. The location for the short spur off the exploration road was examined at this time. The operator wishes to create this spur on a natural bench in order to reduce the grade and amount of earth work for the haul road to the bulk sample site. Slightly north of the bulk sample site is a flat area where the portable crusher may be located for both the sampling and mining operations.

In conclusion, the operator is to identify three possible road location options, each with its respective impacts and mitigative measures. The operator plans to operate out of sight of the eagle nest during the nesting season and within sight during the off season. The proposal is to be submitted to the BLM and DOGM.

Since the Division's May 17, 1991, field inspection of the Marblehead Processing Plant & Facilities site, the operator has initiated some contemporaneous reclamation work. The operator submitted a permit amendment on May 8, 1991 to commence reclamation of a portion of the processing plant area. The operator was given verbal approval to begin some of the initial grading/recontouring work during the May 17, 1991 site inspection. Mr. Jack Minchey explained what work has been done to date. The Division will be providing the operator with supplemental review comments regarding the proposal shortly.

jb

cc: Jerry Blossom, Union Pacific Resources-Minerals - P O Box 2654  
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